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(21) International Application Number: PCT/US00/05395 (22) International Filing Date: 1 March 2000 (01.03.00) (30) Priority Data: 60/122,365 2 March 1999 (02.03.99) US (71) Applicant (for all designated States except US): THE LIPO-SOME COMPANY, INC. [US/US]; One Research Way, Princeton Forrestal Center, Princeton, NJ 08540 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): <u>MEERS</u> , Paul [US/US]; 29 Berrien Avenue, Princeton Junction, NJ 08550 (US). <u>SHANGGUAN</u> , Tong [CN/US]; 17 Taft Court, Princeton, NJ 08540 (US). <u>CABRAL-LILLY</u> , Donna [US/US]; 981A Canal Road, Princeton, NJ 08540 (US). <u>JANOFF</u> , Andrew [US/US]; 560 Countess Drive, Yardley, PA 19067 (US). <u>AHL</u> , Patrick [US/US]; 2E Brookline Court, Princeton, NJ 08536 (US). (74) Agent: GOODMAN, Rosanne; The Liposome Company, Inc., One Research Way, Princeton Forrestal Center, Princeton, NJ 08540 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: ENCAPSULATION OF BIOACTIVE COMPLEXES IN LIPOSOMES		
(57) Abstract <p>This invention provides a method to prepare liposome-encapsulated bioactive agents such as nucleic acids, comprising complexation of the bioactive agents in reverse micelles prior to forming liposomes, as well as methods of using the liposomes so formed and formulations to deliver nucleic acids to cells.</p>		